



VPI00-115
SEQUENCE LISTING

<110> Vertex Pharmaceuticals Incorporated

<120> ERK-5 DEFICIENT ANIMALS AND METHODS OF INHIBITING ANGIOGENESIS THROUGH THE INHIBITION OF ERK-5

<130> VPI/00-115 CON

<140> US09/922,584

<141> 2001-08-01

<150> US09/888,182

<151> 2001-06-22

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 26

<212> DNA

<213> Mus musculus

<400> 1

cagccattcg atgtgggccc acgcta

26

<210> 2

<211> 25

<212> DNA

<213> Mus musculus

<400> 2

tataacattc tcatggcgga atcgc

25

<210> 3

<211> 802

<212> DNA

<213> Mus musculus

<220>

<221> misc_difference

<222> (1)..(802)

<223> Wherein n is selected from any nucleic acid

<400> 3

cggnacctac tgtgccctat ggaggaattc agatctgtgt aaggaggatgg gccaggagga 60

ggagacacag tcgggatcag cttagaagcc caggttcagt aatactgaag ttctggcagg 120

gcgggttgaac ccagagtgat gcgggctgtg agtccaggac attggtaggg acagttctta 180

tctctcaaga gggcaagggc tggggatgtc gatcactggt aggctgatga gcattcttga 240

ggttttaggt tgactctcct gtacaaaagg ggaaaagaat caagaggatt tacctcttta 300

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tggtcatgcc acctttggtt atatcataag ttcaaggcta gtctagaccc tgttccaaaa	360
gacaaaacan aaaaccnaaa cagcaatnta nganaaggga gagagggcnc agacngnccg	420
ggacagatcc aaattgtaag acaacggaca caatacattg tagtgtcaca cagcagtgtc	480
ctcatggcag acaactaatt attcacagaa tacctcctta aaaatagagt cttcaacata	540
gctttttcag tagctgttgg caaactgtag agtttgctct aaaattaacc atactggcca	600
atcttggtag atttgaatat ttctataaaa aaaatttttt ttgacagaaa ttangtccat	660
ggagaaagtg atttgtcaga aagcttgtaa aaaagtttgg ggctnggaaa aaacccgatt	720
cggtgattaa gatcactcga tcttttaaaa gggacttggc tttaantncc ataatggnet	780
ttcaccgggg ggcntaaact tt	802

<210> 4
 <211> 794
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_difference
 <222> (1)..(794)
 <223> Wherein n is selected from any nucleic acid

<400> 4	
gattnaagat cccctcgatn ttnnaaaagg acttggnntc aagggaanag ngtnntnnog	60
gggggnaact tgaattggga cncgggtgtt gggatcanac tccctctttt ngcctctgta	120
naccagggc acccaagtag tacacatacg ttcaggaaan catacacata cgtttaagaa	180
aactttataa aagttgtggc cagncgggtg tggcgcatgc ctttaatccc agcactgggg	240
aggcagaggc aggcagatct cttgagtttt gggtttgagg ccaacctggg ctacaagagc	300
aagcaagttc caggccagat aaggctacac agacatcttg tcttgaaaaa aagaaagaaa	360
gaatgaaagt tgtagaaaac ctaaaacccg gtgnnnaant ccncncttcc catgntgtta	420
gtcctttggg gtttctactgt aaggccataa cctcaggaat tgggagtgcc aggggacgga	480
gtgccagggg gggcttctcc ctgtgatgtg aggaggctag ctcacccgtt tcttcccatt	540
ttcagctatg tggtagtga cctcatggag agcgacctac accagatcat tcaactttca	600
cagccgctca ccttggaaac tgtgagatac ttctgtacc agctgcttcg gggcctcaaa	660
tacatgcact ctgctcaggt catccaccgt gatcttaaac cctctaacct tctgggtcaat	720
gagaactgtg agctcaagat cggtgacttt ggaatggccc gtggcctctg tacttcccc	780
tgccgagcac caga	794

<210> 5
 <211> 632
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_difference
 <222> (1)..(632)
 <223> Wherein n is selected from any nucleic acid

<400> 5
 caatcacggg tntnagntca ggntcaagca tggcgccaat gntgagaggc nactccatgg 60
 cacagttcca cttgagccca gggatggcat ctcaacatct ggacacacag gctcactagc 120
 cacaggctgc ananaagntg gaacgnattg ttgncaatg ccctccngtc gtgcatgaaa 180
 gtcttcattc tcagccacaa tggcctcctt aatgcgctcc ctggtaaggc cttcacgggt 240
 caaaagcaaa gtcaaaaggt ggggcgcaat caggctcatc atcagggtca tggtagcttag 300
 ccagaagggg tgcgaaggca gcagcagtna gattcgggcn ctgggttcaa ntgcacccat 360
 gcgtcccagc agggagaggc cctggcggtc agcacctggg tatactgtct cccaaggcac 420
 aggttgccctt ggtggcaggc tctggatata ggctgcacc ctttcagccc ccacagcctg 480
 aatcacagct ggtgacggag ttcccaacac catcatgatc agctgtaact ggtgcacgta 540
 gtttttgctt gggaagagct ggcgccgagc cagcatctca ccaaagatgc agcccacaga 600
 ccagaggtcg attgcctgcg gtatactcgt gc 632

<210> 6
 <211> 617
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_difference
 <222> (1)..(617)
 <223> Wherein n is selected from any nucleic acid

<400> 6
 ggcaggtacc gcgttagnac cnnttatcng aaccnntgt ttntcncagn nnagcnntat 60
 ttaaccttgn aaanagtttt tccctgaggc caagatagca natangctcn nnggagnncn 120
 aaaaaagttt tgttctaaga ccanngaatn ggcagaatga agtggngaag gattagggag 180
 antctggaat gacctnanta tggtagtag gaagggaaga aggatcagtt aatncagtca 240
 caancnnntg ctaactaacg ngcctcctnt ttatgtaagc nattagcanc ngtttcnnga 300
 ggcagttgga aattaaaaatn ttgatatatg ttacacacag ggccttgcac cacagtaggg 360

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aattnatgnn ntntgggntc cagaagagca gtgctgaagg gacctgcagc taacttgaag	420
gtactctctg gtatatgccc ttttcctgct ccccaggcca gcaggtggcc atcaagaaga	480
tacctaatgc ttttgatgtg gtgaccaatg ccaaacggac cctcaggag ctgaagatcc	540
tcaaacactt caaacacgac aatatcatcg ccatcaagga catcctgaag cctactgtgc	600
cctatggaga attcttc	617